



AN ALMANACK

FOR THE YEAR OF OUR

LORD GOD 1677.

Being the first after Bissextile, or Leap-year. By M. F. Philomath.

Post est occasio calva.

Ο χειρὶς ἡ ἀνομιᾶς



January hath xxxi days.	February hath xxviii days.	March hath xxxi days.	April hath xxx days.	May hath xxxi days.	June hath xxx days.
Full moon 8 day 17 m. past 11 at nig. Last quart. 16 day 40 m. past 2 aftern. New moon 23 day 31 m. past 5 morn. First quart. 30 day 2 m. past 3 aftern.	Full moon 7 day 18 m. past 4 aftern. Last quart. 14 day 12 m. past 11 at ni. New moon 21 day 23 m. past 5 aftern.	First quart. 1 day 52 m. past 9 beforen. Full moon 9 day 9 m. past 7 morning Last quart. 16 day 20 m. past 5 morn. New moon 23 day 6 m. past 2 morn. First quart. 31 day 21 m. past 11 morn.	Full moon 7 day 31 m. past 6 aftern. Last quart. 14 day 31 m. past 10 bef. New moon 21 day 54 m. past 7 aftern. First quart. 29 day 11 m. past 11 at ni.	Full moon 7 day 26 m. past 3 morning Last quart. 13 day 21 m. past 5 aftern. New moon 21 day 35 m. past 10 bef. First quart. 29 day 10 m. past 1 aftern.	Full moon 5 day 46 m. past 10 beforen Last quart. 12 day 12 m. past 2 morn. New moon 20 day 16 m. past 1 morn First quart. 28 day 19 m. past 1 morn
1 a Circumcision taur 8 4 Season 2 b Oclab. Step. taur 8 3 able 3 c Oclab. John taur 8 2 weath. 4 d Oclab. Inno. taur 8 1 the for- 5 e Imeon gem 7 59 mer 6 f Epiphany gem 7 58 part. 7 g 1 aft. Epiph. taur 7 57 8 h Lucius taur 7 55 9 i Sun in Aque. leo 7 54 Tempe- 10 j Sun in Herm. leo 7 53 stuous 11 k Sun in Leo. leo 7 52 windy 12 l Epiph. taur 7 51 weath. 13 m 2 aft. Epiph. taur 7 50 14 n Hilary bish. taur 7 48 with 15 o 3 aft. Epiph. taur 7 47 snow 16 p Marcellus taur 7 46 or rain, 17 q Anthony taur 7 45 yet not 18 r 4 aft. Epiph. taur 7 44 cold. 19 s 5 aft. Epiph. taur 7 43 20 t Oclab. Hil. taur 7 42 Windy 21 u 6 aft. Epiph. taur 7 41 22 v Term begins aqua 7 40 cloudy 23 w Timothy taur 7 39 moist 24 x 7 aft. Epiph. taur 7 38 weath. 25 y 8 aft. Epiph. taur 7 37 if not 26 z 9 aft. Epiph. taur 7 36 snow 27 a 10 aft. Epiph. taur 7 35 about 28 b 11 aft. Epiph. taur 7 34 this ti. 29 c 12 aft. Epiph. taur 7 33 30 d 13 aft. Epiph. taur 7 32 31 e 14 aft. Epiph. taur 7 31 Very cold.	1 a Feciv. days with Terms. M.D.I. 2 b 15 aft. Epiph. taur 7 30 3 c 16 aft. Epiph. taur 7 29 4 d 17 aft. Epiph. taur 7 28 5 e 18 aft. Epiph. taur 7 27 6 f 19 aft. Epiph. taur 7 26 7 g 20 aft. Epiph. taur 7 25 8 h 21 aft. Epiph. taur 7 24 9 i 22 aft. Epiph. taur 7 23 10 j 23 aft. Epiph. taur 7 22 11 k 24 aft. Epiph. taur 7 21 12 l 25 aft. Epiph. taur 7 20 13 m 26 aft. Epiph. taur 7 19 14 n 27 aft. Epiph. taur 7 18 15 o 28 aft. Epiph. taur 7 17 16 p 29 aft. Epiph. taur 7 16 17 q 30 aft. Epiph. taur 7 15 18 r 31 aft. Epiph. taur 7 14 19 s 1 aft. Epiph. taur 7 13 20 t 2 aft. Epiph. taur 7 12 21 u 3 aft. Epiph. taur 7 11 22 v 4 aft. Epiph. taur 7 10 23 w 5 aft. Epiph. taur 7 9 24 x 6 aft. Epiph. taur 7 8 25 y 7 aft. Epiph. taur 7 7 26 z 8 aft. Epiph. taur 7 6 27 a 9 aft. Epiph. taur 7 5 28 b 10 aft. Epiph. taur 7 4 29 c 11 aft. Epiph. taur 7 3 30 d 12 aft. Epiph. taur 7 2 31 e 13 aft. Epiph. taur 7 1	1 a David bish. gem 6 18 Cold 2 b 14 aft. Trin. taur 6 17 3 c 15 aft. Trin. taur 6 16 windy 4 d 16 aft. Trin. taur 6 15 5 e 17 aft. Trin. taur 6 14 not 6 f 18 aft. Trin. taur 6 13 wet at 7 g 19 aft. Trin. taur 6 12 the be- 8 h 20 aft. Trin. taur 6 11 ginna. 9 i 21 aft. Trin. taur 6 10 10 j 22 aft. Trin. taur 6 9 11 k 23 aft. Trin. taur 6 8 Good 12 l 24 aft. Trin. taur 6 7 weath. 13 m 25 aft. Trin. taur 6 6 14 n 26 aft. Trin. taur 6 5 15 o 27 aft. Trin. taur 6 4 16 p 28 aft. Trin. taur 6 3 17 q 29 aft. Trin. taur 6 2 18 r 30 aft. Trin. taur 6 1 19 s 31 aft. Trin. taur 6 0 20 t 1 aft. Trin. taur 6 58 for fe- 21 u 2 aft. Trin. taur 6 57 22 v 3 aft. Trin. taur 6 56 23 w 4 aft. Trin. taur 6 55 24 x 5 aft. Trin. taur 6 54 25 y 6 aft. Trin. taur 6 53 26 z 7 aft. Trin. taur 6 52 27 a 8 aft. Trin. taur 6 51 28 b 9 aft. Trin. taur 6 50 29 c 10 aft. Trin. taur 6 49 30 d 11 aft. Trin. taur 6 48 31 e 12 aft. Trin. taur 6 47	1 a 15 aft. Trin. taur 6 46 2 b 16 aft. Trin. taur 6 45 3 c 17 aft. Trin. taur 6 44 4 d 18 aft. Trin. taur 6 43 5 e 19 aft. Trin. taur 6 42 6 f 20 aft. Trin. taur 6 41 7 g 21 aft. Trin. taur 6 40 8 h 22 aft. Trin. taur 6 39 9 i 23 aft. Trin. taur 6 38 10 j 24 aft. Trin. taur 6 37 11 k 25 aft. Trin. taur 6 36 12 l 26 aft. Trin. taur 6 35 13 m 27 aft. Trin. taur 6 34 14 n 28 aft. Trin. taur 6 33 15 o 29 aft. Trin. taur 6 32 16 p 30 aft. Trin. taur 6 31 17 q 31 aft. Trin. taur 6 30 18 r 1 aft. Trin. taur 6 29 19 s 2 aft. Trin. taur 6 28 20 t 3 aft. Trin. taur 6 27 21 u 4 aft. Trin. taur 6 26 22 v 5 aft. Trin. taur 6 25 23 w 6 aft. Trin. taur 6 24 24 x 7 aft. Trin. taur 6 23 25 y 8 aft. Trin. taur 6 22 26 z 9 aft. Trin. taur 6 21 27 a 10 aft. Trin. taur 6 20 28 b 11 aft. Trin. taur 6 19 29 c 12 aft. Trin. taur 6 18 30 d 13 aft. Trin. taur 6 17 31 e 14 aft. Trin. taur 6 16	1 a 15 aft. Trin. taur 6 15 2 b 16 aft. Trin. taur 6 14 3 c 17 aft. Trin. taur 6 13 4 d 18 aft. Trin. taur 6 12 5 e 19 aft. Trin. taur 6 11 6 f 20 aft. Trin. taur 6 10 7 g 21 aft. Trin. taur 6 9 8 h 22 aft. Trin. taur 6 8 9 i 23 aft. Trin. taur 6 7 10 j 24 aft. Trin. taur 6 6 11 k 25 aft. Trin. taur 6 5 12 l 26 aft. Trin. taur 6 4 13 m 27 aft. Trin. taur 6 3 14 n 28 aft. Trin. taur 6 2 15 o 29 aft. Trin. taur 6 1 16 p 30 aft. Trin. taur 6 0 17 q 31 aft. Trin. taur 5 59 18 r 1 aft. Trin. taur 5 58 19 s 2 aft. Trin. taur 5 57 20 t 3 aft. Trin. taur 5 56 21 u 4 aft. Trin. taur 5 55 22 v 5 aft. Trin. taur 5 54 23 w 6 aft. Trin. taur 5 53 24 x 7 aft. Trin. taur 5 52 25 y 8 aft. Trin. taur 5 51 26 z 9 aft. Trin. taur 5 50 27 a 10 aft. Trin. taur 5 49 28 b 11 aft. Trin. taur 5 48 29 c 12 aft. Trin. taur 5 47 30 d 13 aft. Trin. taur 5 46 31 e 14 aft. Trin. taur 5 45	1 a 15 aft. Trin. taur 5 44 2 b 16 aft. Trin. taur 5 43 3 c 17 aft. Trin. taur 5 42 4 d 18 aft. Trin. taur 5 41 5 e 19 aft. Trin. taur 5 40 6 f 20 aft. Trin. taur 5 39 7 g 21 aft. Trin. taur 5 38 8 h 22 aft. Trin. taur 5 37 9 i 23 aft. Trin. taur 5 36 10 j 24 aft. Trin. taur 5 35 11 k 25 aft. Trin. taur 5 34 12 l 26 aft. Trin. taur 5 33 13 m 27 aft. Trin. taur 5 32 14 n 28 aft. Trin. taur 5 31 15 o 29 aft. Trin. taur 5 30 16 p 30 aft. Trin. taur 5 29 17 q 31 aft. Trin. taur 5 28 18 r 1 aft. Trin. taur 5 27 19 s 2 aft. Trin. taur 5 26 20 t 3 aft. Trin. taur 5 25 21 u 4 aft. Trin. taur 5 24 22 v 5 aft. Trin. taur 5 23 23 w 6 aft. Trin. taur 5 22 24 x 7 aft. Trin. taur 5 21 25 y 8 aft. Trin. taur 5 20 26 z 9 aft. Trin. taur 5 19 27 a 10 aft. Trin. taur 5 18 28 b 11 aft. Trin. taur 5 17 29 c 12 aft. Trin. taur 5 16 30 d 13 aft. Trin. taur 5 15 31 e 14 aft. Trin. taur 5 14

A plain and easie Table shewing the true time of the beginnings, continuance, and years since the reign of each King and Queen in England, from the Conquest until this present year, 1677.

The Kings Names.	Began their Reigns.	Reigned Y. M. D.	Since their Reign.
W. Conq.	1066 Oct. 1	23 11 20	1990 Sept. 9
W. Rufus	1087 Sept. 9	12 11 19	1577 Aug. 2
Henry 1	1100 Aug. 1	35 4 1	1542 Dec. 1
Stephen	1135 Dec. 23	18 11 18	1523 Oct. 25
Henry 2	1154 Oct. 25	34 9 1	1488 July 6
Richard 1	1189 July 6	9 5 0	478 April 6
King John	1199 April 6	16 6 0	461 Octo. 19
Henry 3	1216 Oct. 15	56 1 0	405 Nov. 16
Edward 1	1272 Nov. 16	34 6 3	307 July 2
Edward 2	1307 July 7	7 5 31	131 Jan. 25
Edward 3	1327 Jan. 25	50 7 30	300 Jun. 21
Richard 2	1377 Jun. 21	23 3 14	278 Sept. 29
Henry 4	1399 Sept. 29	39 6 3	264 Mar. 20
Henry 5	1413 Mar. 20	31 9 5	235 Aug. 31
Henry 6	1422 Aug. 31	6 8 17	219 Mar. 4
Edward 4	1461 Mar. 4	23 1 19	194 April 9
Edward 5	1483 April 9	2 2 18	194 Jun. 22
Richard 3	1483 Jun. 22	2 2 18	168 April 22
Henry 7	1485 April 22	23 10 2	131 Jan. 28
Henry 8	1509 April 28	37 10 2	114 July 6
Edward 6	1547 Jan. 28	6 5 10	139 Nov. 17
Q. Mary	1553 July 6	5 4 23	139 Nov. 17
Q. Elizabeth	1558 Nov. 17	44 4 16	75 Mar. 24
K. James	1603 Mar. 24	22 0 3	52 Mar. 27
K. Charles 1	1625 Mar. 27	22 10 3	23 Jan. 30
K. Charles 2	1649 Jan. 30	28 0 0	Whom God preserve

Of the Eclipses this year.

There will be four Eclipses this year, viz. two of the Sun, and two of the Moon, the first will be of the Moon, on the 7 day of May, the middle of it (with us at Cambridge) 24 min. past 3 in the morning; the Digits Eclipsed will be 8 and somewhat more, the beginning, and middle of it may be seen with us but the Sun riseth before it is fully ended.

The second will be of the Sun, the 21 of May at 10 in the forenoon but will scarce be seen with us.

The third will be of the Moon, the 30 of October about 11 beforenoon which will be visible to our Antipodes, but not to us.

The last will be of the Sun, Novemb. 14 about midnight and therefore cannot be seen by us; but in China, Japan, &c. It will appear a great Eclipse.

Times prohibiting MARRIAGE.

Marriage comes in on the 13 day of January, and at Septuagesima Sunday it is out again until Low Sunday; it which time it comes in again, and goes not out till Rogation Sunday: thence it is forbidden until Trinity Sunday: from whence it is usurbidden till Advent Sunday: but then it goes out, and comes not in again till the 13 day of January next following.

The Anatomy of Mans body.

Vulgar revolut. with the Planetary feasts for the year 1677.

Feast	Day	Month
The Golden Number	7	Feb. 25
The Dominical Letter	17	Mar. 31
The Epact	7	Apr. 15
The Cycle of the Sun.	10	May 19
Shrove-funday	7	Dec. 1
Easter-day	31	Mar. 31
Ascension-day	19	May 19
Whitunday	19	May 19
Advent-funday	1	Dec. 1

To find the time of the Tide in a more exact manner than heretofore.

Days after the Change, or Full, the Moon is South at

Days	Time
1	12 12 48 11 36 24 12 14 0 14 5 36

Days after either of the Quarters, the Moon is South at

Days	Time
1	6 48 7 36 8 24 9 12 10 0 10 48 11 36

Trif find the new moon, full, or quarters in the Kalender, then count how many days are past either of those, and under the same number of days past, you shall have for the time that the moon will be fourth the same day: Then look for the Haven or Port, you desire, and where the hours and quarters stand before the time above found: But where the hours and quarters stand after the place, there it is high water so long after the time first found. As for Example:

The Moon being five days past the Change, and so five days old, I find in the Table, that five days past the Change, the Moon is South at four a clock, which makes full sea at Quinborough, Southampton, &c. But at Plymouth, Dover, Harwich, an hour and an half sooner: that is, at two a clock and thirty minutes; but at London, Tinsmouth, and Amsterdam, three hours after.

H. Quart. Quinborough, Southampton, Portsmouth, Wellis, Rye, Callice, Caltho, Winchelsea, Gored, Yarmouth, Ballymore, Dover, Harwich, Wight, Needles, Deep, Carker, Lux, Lenow, Orford, Layfo, Orkney-pool, Orwell, S. Helen, Fleet, Eames, Embdon, Port-land, Peter-port, Harfrev, Hague, Blanch, Milford, Bridgewater, Northcoast, Exwater, Taxell, Bristol, Lanion, Foulness, 6 Hours. Lin, Hamb, Waymouth, Plimmouth, Anco. 6 Hours. Aberdeen, Redban, Rochester, Malden, West of Nore, Gravesend, Downs, Romney, Tene, Ramkins, Dundee, S. Andrews, Lisbon, Silly, Maze, S. Lucas, London, Tinsmouth, Harle-pool, Amsterdam, Glasgow, Barwick, Othend, Scarb, Fount, Flamborough, Flushing, 3 Hours. Prith, Leith, Dunbar, Lawr, Bloy, Month, Egmon, Palmoth, Foy, Garmley, Severn-mouth, Wareford, 5 1 quart.

A plain and easie Table shewing the true interest due upon any sum of money, from five shillings to an hundred pounds for a year or under, after the rate of six punds in the hundred.

Mon.	3 Mon.	6 Mon.	9 Mon.	1 Year
5 0 0 0 0	5 0 3 0 0	5 0 6 0 0	5 0 9 0 0	5 1 2 0 0
10 0 0 0 0	10 0 6 0 0	10 0 12 0 0	10 0 18 0 0	10 0 24 0 0
15 0 0 0 0	15 0 9 0 0	15 0 18 0 0	15 0 27 0 0	15 0 36 0 0
20 0 0 0 0	20 0 12 0 0	20 0 24 0 0	20 0 36 0 0	20 0 48 0 0
25 0 0 0 0	25 0 15 0 0	25 0 30 0 0	25 0 45 0 0	25 0 60 0 0
30 0 0 0 0	30 0 18 0 0	30 0 36 0 0	30 0 54 0 0	30 0 72 0 0
35 0 0 0 0	35 0 21 0 0	35 0 42 0 0	35 0 63 0 0	35 0 84 0 0
40 0 0 0 0	40 0 24 0 0	40 0 48 0 0	40 0 72 0 0	40 0 96 0 0
45 0 0 0 0	45 0 27 0 0	45 0 54 0 0	45 0 81 0 0	45 0 108 0 0
50 0 0 0 0	50 0 30 0 0	50 0 60 0 0	50 0 90 0 0	50 0 120 0 0
55 0 0 0 0	55 0 33 0 0	55 0 66 0 0	55 0 99 0 0	55 0 132 0 0
60 0 0 0 0	60 0 36 0 0	60 0 72 0 0	60 0 108 0 0	60 0 144 0 0
65 0 0 0 0	65 0 39 0 0	65 0 78 0 0	65 0 117 0 0	65 0 156 0 0
70 0 0 0 0	70 0 42 0 0	70 0 84 0 0	70 0 126 0 0	70 0 168 0 0
75 0 0 0 0	75 0 45 0 0	75 0 90 0 0	75 0 135 0 0	75 0 180 0 0
80 0 0 0 0	80 0 48 0 0	80 0 96 0 0	80 0 144 0 0	80 0 192 0 0
85 0 0 0 0	85 0 51 0 0	85 0 102 0 0	85 0 153 0 0	85 0 204 0 0
90 0 0 0 0	90 0 54 0 0	90 0 108 0 0	90 0 162 0 0	90 0 216 0 0
95 0 0 0 0	95 0 57 0 0	95 0 114 0 0	95 0 171 0 0	95 0 228 0 0
100 0 0 0 0	100 0 60 0 0	100 0 120 0 0	100 0 180 0 0	100 0 240 0 0